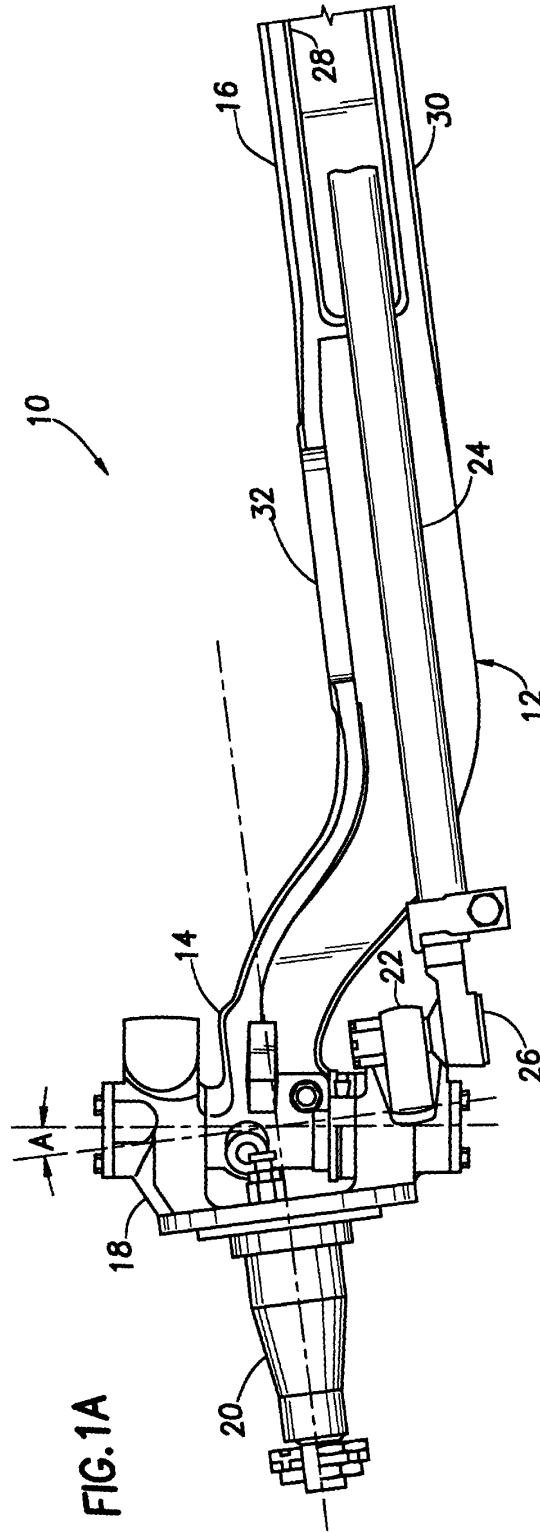


APPROVED	C.G. FIG.	
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APPROVED: 3/19/1980

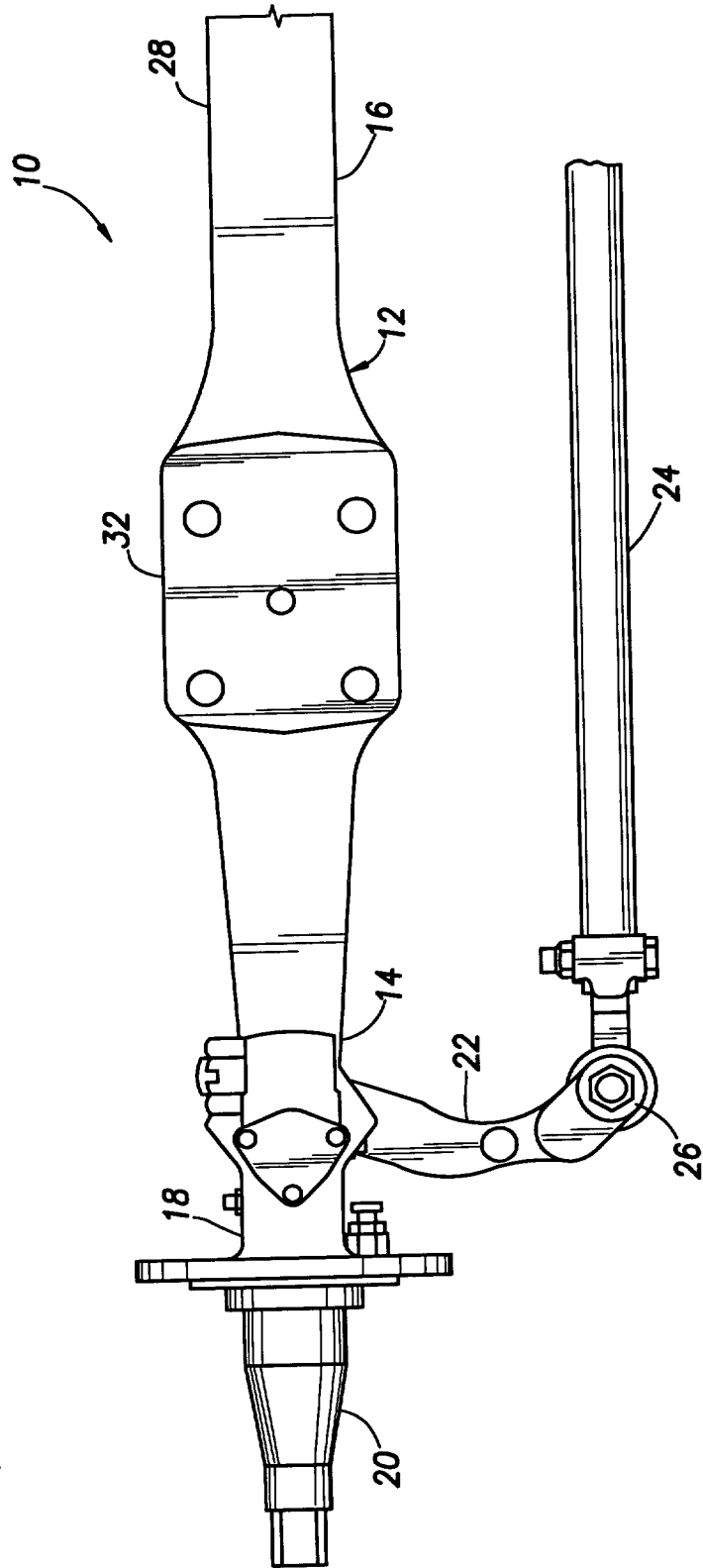


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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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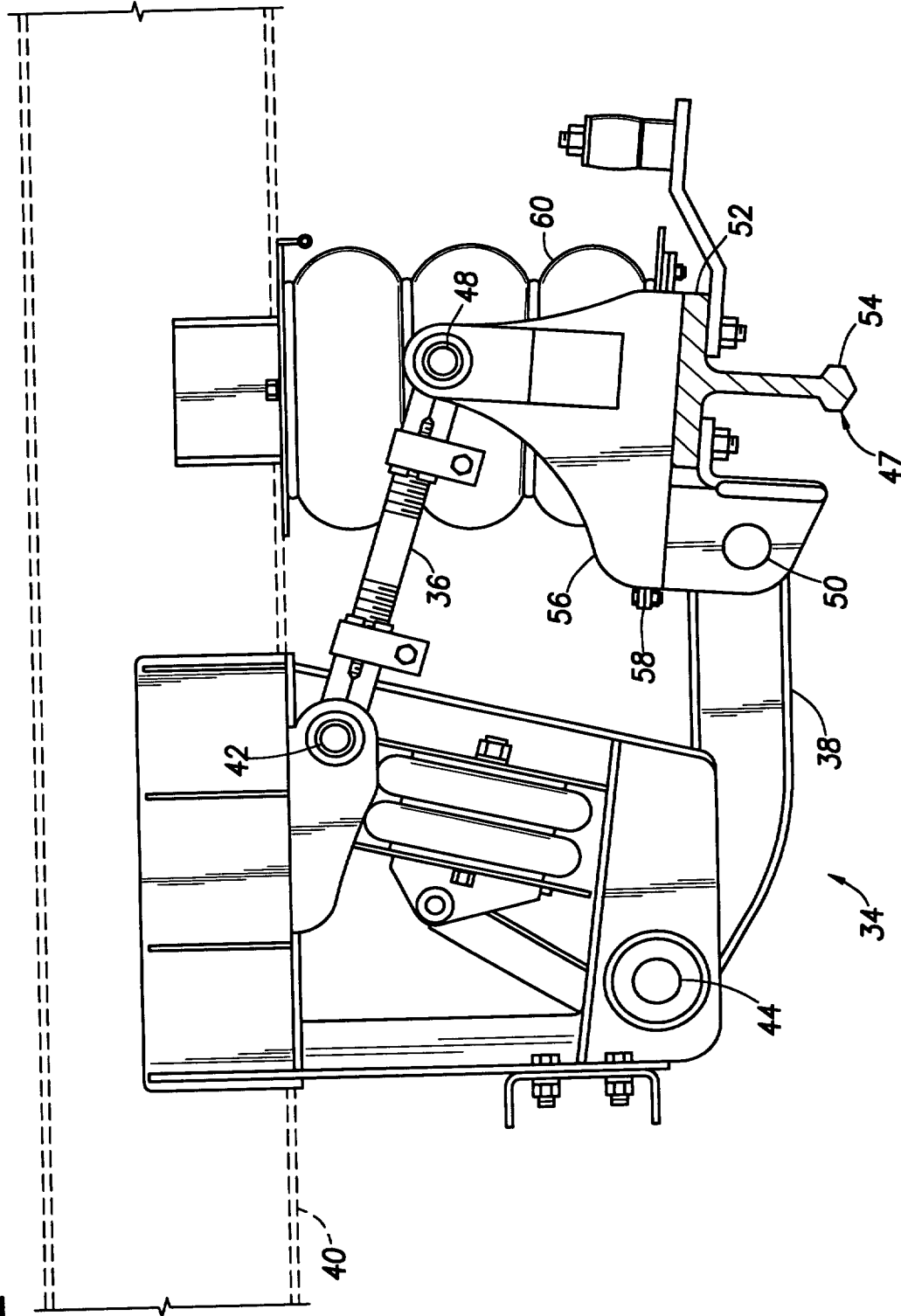
FIG. 1B



APPROVED 8/28/88

4,661,661

FIG. 2

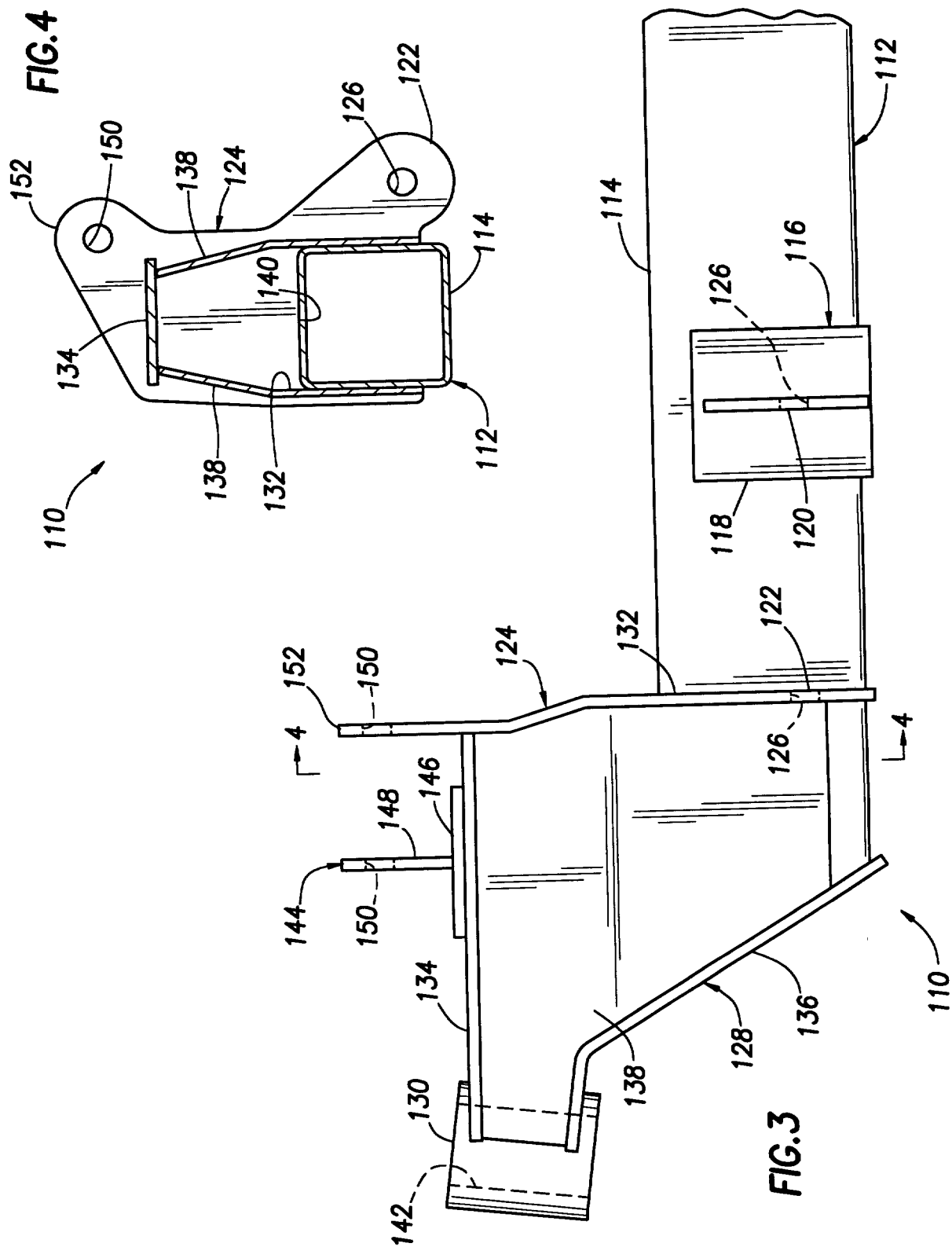


APPROVED	O.G. FIG.	
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Figure 1 consists of 12 histograms arranged vertically, each representing a different network size N . The x-axis for all histograms is the number of contacts per node, ranging from 0 to 12. The y-axis represents the frequency or probability of a node having a certain number of contacts. The histograms are labeled with N values: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, and 120. For $N=10$, the distribution is very broad and irregular. As N increases, the distribution becomes increasingly narrow and more symmetric, peaking around 4 contacts per node. By $N=120$, the distribution is very tightly clustered around 4.

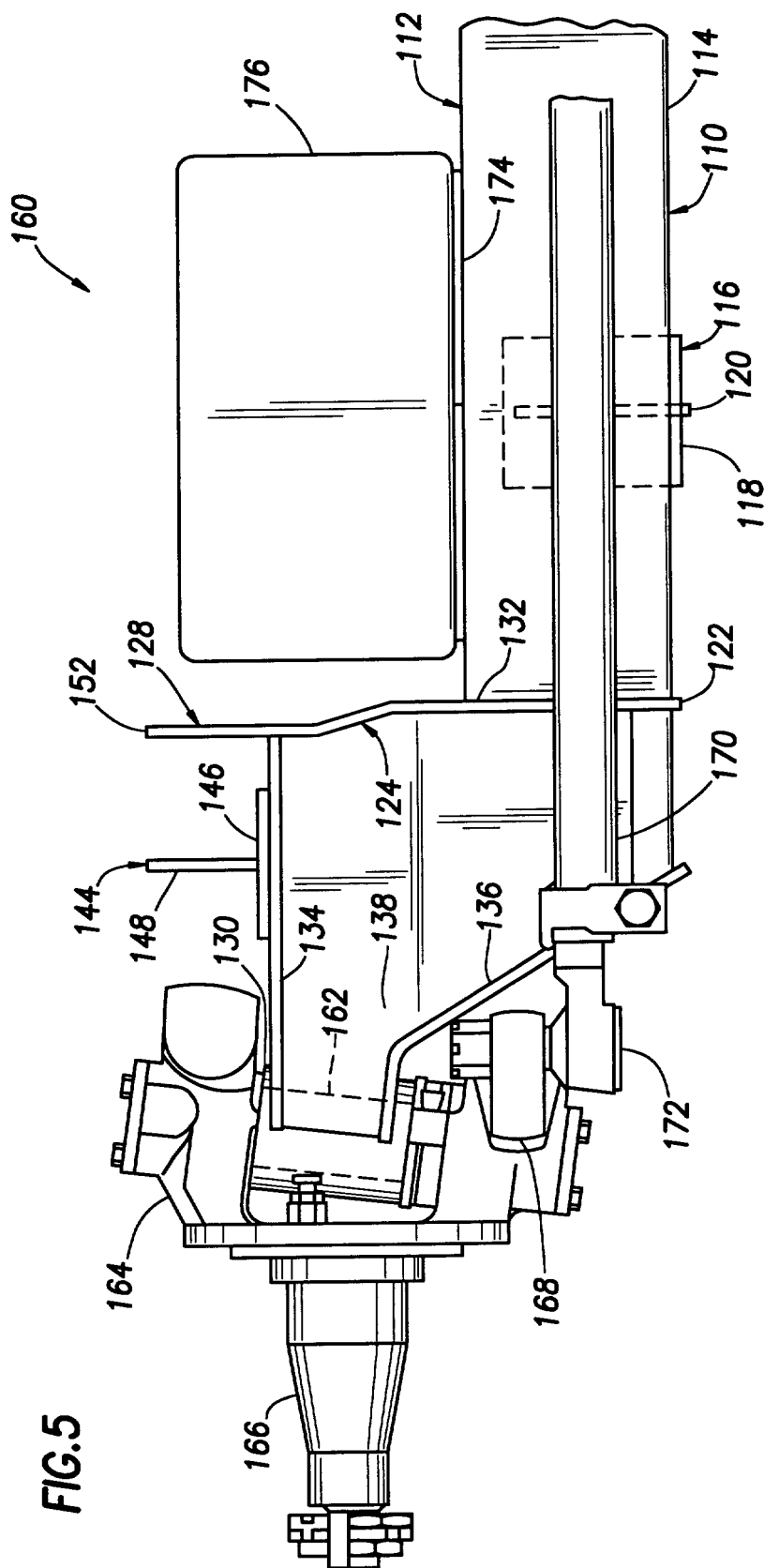


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Category	Sub-category	Value
Agriculture	Food crops	100
	Industrial crops	100
	Animal husbandry	100
	Forestry	100
Manufacturing	Food processing	100
	Textiles	100
	Chemicals	100
	Metals	100
Services	Transport	100
	Trade	100
	Finance	100
	Health	100
Government	Education	100
	Health	100
	Police	100
	Fire	100

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FIG. 7

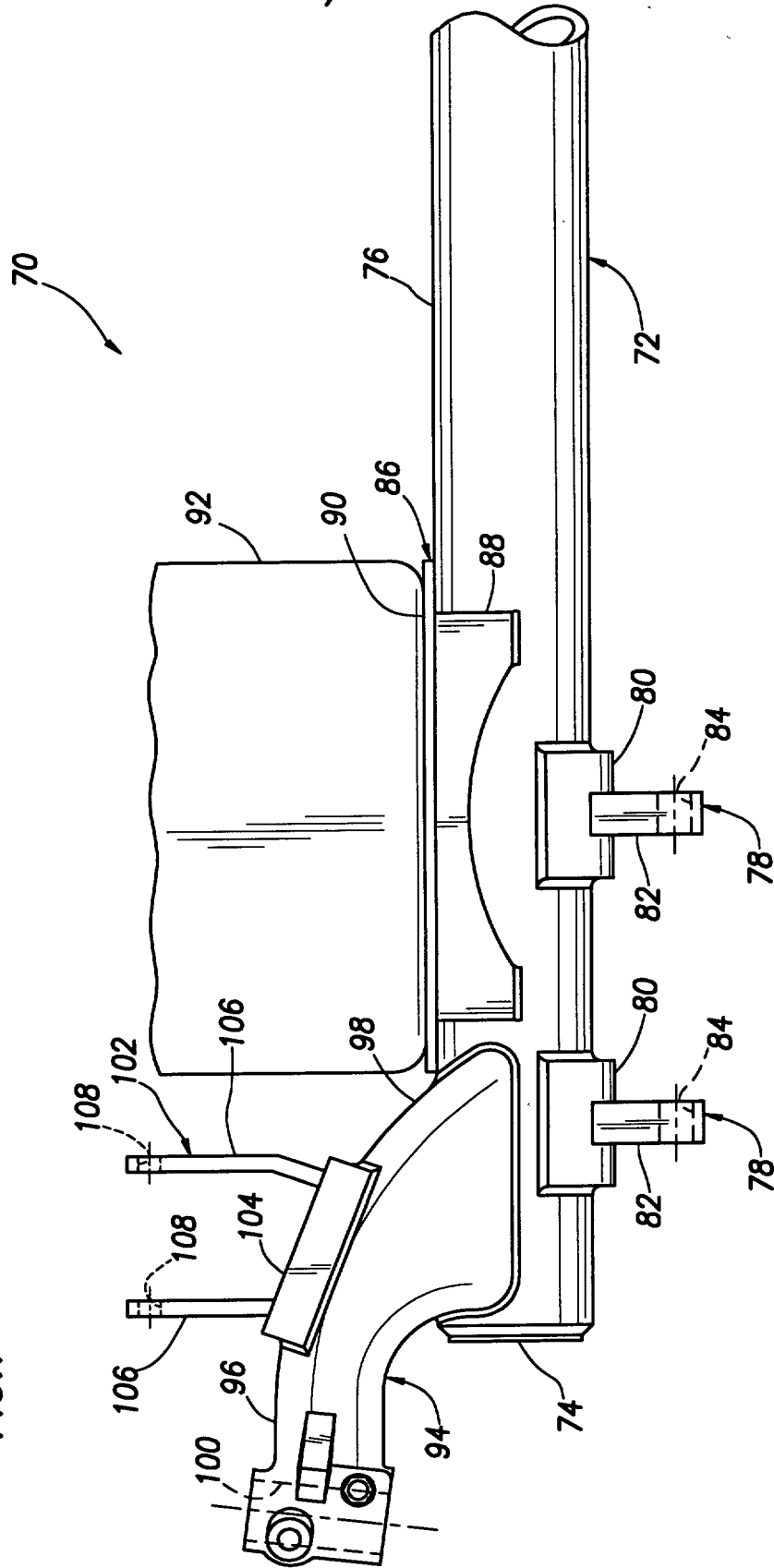


FIG. 7

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